

## ABSTRACT

The present invention has for its object to provide a G0 transgenic chimera bird which is introduced an antibody 5 gene with a replication-defective retrovirus vector, and produces an antibody by expressing the transgene; a production method of an antibody which comprises recovering the antibody expressed by the produced G0 transgenic chimera bird; and a production method of a G0 transgenic 10 chimera bird which comprises incubating a bird fertile egg, and injecting an embryo after and exclusive of a period immediately after the start of incubation with a retrovirus vector.

That is, the present invention relates to a G0 15 transgenic chimera bird which is introduced an antibody gene with a replication-defective retrovirus vector, and produces an antibody by expressing a transgene.

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